



SEQUENCE LISTING

<110> Uchida, Kiyoshi

<120> METHOD OF PRODUCING ANTISENSE OLIGONUCLEOTIDE

<130> 13797-002002

<140> US 10/611,823

<141> 2003-06-30

<150> US 08/859,415

<151> 1997-05-20

<150> JP 128192/1996

<151> 1996-05-23

<160> 12

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 774

<212> RNA

<213> Homo sapiens

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ggugcauugg	agccuugccu	ugcugcucua	ccuccaccac	gccaaguggu	cccaggcugc	180
accgauggca	gaaggaggag	ggcagaauca	ucacgaagug	gugaaguua	uggaugucua	240
ucagcgcagc	uacugccauc	caaucgagac	ccugguggac	aucuuccagg	aguaccucga	300
ugagaucgag	uacauucuca	agccauccug	ugugccccug	augcgaugcg	ggggcugcug	360
caaugacgag	ggccuggagu	gugugcccac	ugaggagucc	aacaucacca	ugcagauuau	420
gcggaucaaa	ccucaccaag	gccagcacau	aggagagaug	agcuuccuac	agcacaacaa	480
augugaaugc	agaccaaaga	aagauagagc	aagacaagaa	aaaugugaca	agccgagggc	540
gugagccggg	caggaggaag	gagccucccu	caggguuucg	ggaaccagau	ccacuaguuc	600
uagaugcaug	cucgagcggc	cgccagugug	auggauaucu	gcagaaaucc	agcacacugg	660
ccguuacuag	uggauccgag	cucccaaaaa	aaaaaaaaaa	aaaaaaaaaa	aaaaaccgaa	720
uuauuucgua	aucaugguca	uagcuguuuc	cugugugaaa	uuguuauccg	cuca	774

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<211> 1873

<212> RNA

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<400> 2

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cucggugcug	gaauuugaua	uucuuuaguc	cgguuuuuau	cccucucuuu	uuuucuuuuu	180
cauuuuuuuu	uaaaacugua	uuguuucucg	uuuuuuuuuu	uuuuugcuug	ccauuuuuuu	240
cuugaauccg	gccgacggcu	uggggagauu	gcucuacuuc	cccaauuac	uguggauuuu	300
ggaaaccagc	agaaagagga	aagaggguagc	aagagcucca	gagagaaguc	gaggaagaga	360
gagacggggg	cagagagagc	gcgcggggcg	gcgagcagcg	aaagcgacag	gggcaaaagug	420
agugaccugc	uuuugggggg	gaccgcccga	gcgcggcgug	agcccccucc	cuugggaucc	480
cgcagcugac	cagucgcgcu	gacggacaga	cagacagaca	ccgccccccg	ccccagcuac	540

caccuccucc	ccggccggcg	gcggacagug	gacgcggcg	cgagccgcg	gcaggggccc	600
gagcccgcg	ccggaggcg	gguggaggg	gucggggcuc	gcggcgucg	acugaaacu	660
uucguccaac	uucugggcug	uucucgcuuc	ggaggagccg	ugguccgcg	gggggaagcc	720
gagccgagcg	gagccgcgag	aagugcuagc	ucgggcccgg	aggagccgca	gccggaggag	780
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aagccgggcu	cauggacggg	ugaggcggg	gugugcgag	acagugcucc	agccgcgcg	900
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gaggagagcg	ggccgcccc	cagcccagc	cggagaggga	gcgcgagccg	cgccggcccc	1020
ggucggggccu	ccgaaaccau	gaacuucug	cugucuuggg	ugcauuggag	ccuugccuug	1080
cugcucuacc	uccaccaugc	caaguggucc	caggcugcac	ccauggcaga	aggaggagg	1140
cagaaucauc	acgaaguggu	gaaguucaug	gaugucuauc	agcgagcua	cugccaacca	1200
aucgagaccc	ugguggacau	cuuccaggag	uaccugaug	agaucgagua	caucuucaag	1260
ccauccugug	ugccccugau	gcgaugcg	ggcugcugca	augacgagg	ccuggagugu	1320
gugcccacug	aggaguccaa	caucaccaug	cagauuau	ggaucaaac	ucaccaaggc	1380
cagcacauag	gagagaugag	cuuccuacag	cacaacaa	gugaau	accaaagaa	1440
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gccucccuca	ggguuucggg	aaccagau	cucaccagga	aagacugau	cagaacgauc	1560
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cgccauuuua	uuuuucuu	ugcuaua	ccgagccc	aagauuagag	aguuuuuuu	1800
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20

<210> 4

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> synthetically generated oligonucleotide

<400> 4

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<210> 5

<211> 20

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<400> 6
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<210> 7
 <211> 20
 <212> DNA
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<210> 8
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<400> 8
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<210> 9
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<400> 9
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<210> 11
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aacugcauaa	ggcuauagaag	agauacgccc	ugguucccgg	aacaauugcu	uuuacagaug	180
cacauaucga	ggugaacauc	acguacgcgg	aaacuucga	aauguccguu	cggugggcag	240
aagcuauгаа	acgauauggg	cugaauacaa	aucacagaau	cgucguaugc	agugaaaacu	300
cucuucacau	uuuauugccg	guguuggggc	cguuauuuau	cggaguugca	guugcgccc	360
cgaacgacau	uuauaaugaa	cgugaauugc	ucaacaguau	gaacauuucg	cagccuaccg	420
uaguguuugu	uuccaaaaag	ggguugcaaa	aaauuuugaa	cgugcaaaaa	aaauuaccaa	480
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acacguucgu	cacauucacu	cuaccucccg	guuuuaauga	auacgauuuu	guaccagagu	600
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cuauuuuugg	caaucaaauc	auuccggaua	cugcgauuuu	aaguguuguu	ccauuccauc	780
acgguuuugg	aauguuuacu	acacucggau	auuugauaug	uggauuucga	gucgucuuaa	840
uguauagauu	ugaagaagag	cuguuuuuac	gaucccuuca	ggauuacaaa	auucaaaagug	900
cguugcuagu	accaaccua	uuuucuuucu	ucgccaaaag	cacucugauu	gacaaauacg	960
auuuaucaaa	uuuacacgaa	auugcuucug	ggggcgacc	ucuuucgaaa	gaagucgggg	1020
aagcgguugc	aaaacgcuuc	caucuuccag	ggauacgaca	aggauauggg	cucacugaga	1080
cuacaucagc	uauucugauu	acacccgagg	gggaugauaa	accgggcgcg	gucgguaaag	1140
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cattatcagt gcaattgttt

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